

### Egg Candler is Invented by Boyer

About four years ago the Boyer Bros., collectively, invented an egg candler which has all the old methods faded to a whisper. Instead of getting in a dark room with a sperm candle and sighting through the eggs one at a time to see if they will be suitable for greeting obnoxious orators or not, a person can now stand in broad daylight and examine six dozen eggs at a glance.

It is one of the most useful inventions around a grocery store that has ever been devised. Boyer Bros. have operated one for four years and all eggs that come into the store are slipped into a tray, the tray slipped into a box, a light in the top of the box turned on and a mirror in the bottom of the box tells what is the condition of every egg. When one is familiar

with the candler he is able to tell the egg that has just started to spoil as well as the one that is old in the business.

Boyer Bros. have not exploited their invention at all but it is evident to anyone that its usefulness in the grocery business is unquestionable. Last year it was demonstrated a little in the northern part of the state and it sold readily, but not caring to manufacture it at present on a larger scale no further attempts were made to market it. Calls for it are made quite frequently but so far only five outfits have been made.

The outfit consists of a candler and tray cabinet. As soon as the tray of eggs have been candled, it is slipped into the cabinet which is so constructed that no light can reach the eggs. In this way the eggs are kept in a good condition until ready for use. In every particular the invention is ingeniously adapted to its purpose.



### ADVANCE REPORT OF WARM SPRINGS PROJECT

(Continued from Page 1.)

and partly by deduction from Vale runoff:

Month.	Mean Monthly Runoff in Acre Feet.		
	Middle Fork at Warm Springs.	Malheur River below Juntura.	Malheur River at Vale.
January	12,200	16,600	23,200
February	19,200	21,300	48,000
March	53,900	80,600	111,100
April	52,800	77,300	104,100
May	23,700	38,700	45,400
June	12,100	20,100	21,900
July	3,100	6,900	6,000
August	550	3,100	1,800
September	2,500	4,500	3,500
October	4,500	7,500	5,400
November	5,100	9,200	8,100
December	4,700	9,900	8,600
Total for year	194,350	295,700	387,100

Year	Annual Runoff in Acre Feet.		
	Middle Fork at Warm Springs.	Malheur River below Juntura.	Malheur River at Vale.
1890		477,300	one month est.
1895		192,500	
1896		231,100	6 mos., Feb. and May-Sept., inc.
1903		46,600	1 mos., June-Dec., inc.
1904		937,300	
1905		275,100	
1906	242,900	526,900	Mar.-Dec., inc.
1907	111,300	309,200	Jan.-Mar.
1908		42,800	Jan.-Dec., inc.
1909	159,200	356,500	
1910	287,700	570,000	
1911	136,000	254,400	
1912	159,100	289,900	partly est.
1913	99,500	214,900	partly est.
1914	198,800	373,400	partly est.
Mean	194,350	295,700	387,100

Storage—Surveys of Harper reservoir site below Juntura were made in 1903 and of Warm Springs site on Middle Fork in 1905. At that time the Harper site appeared the cheaper and no investigations were made of the Warm Springs site foundation for dam. Since these earlier surveys a railway has been constructed through the Harper site and to Riverside at the mouth of Middle Fork. Without discussing details of the two storage sites, it appears evident that, with the changed conditions, the Warm Springs storage will be the cheaper of the two, within the limits of water supply available from Middle Fork.

Warm Springs Reservoir—The mean annual runoff from Middle Fork for the seven years and three months of which records are available is approximately 195,000 acre feet. Attention is called to the record of runoff at Vale for the years 1895 and 1903 when the runoff of the entire river, less irrigation use, was less than the mean of record for Middle Fork. Comparison of records in later years indicates that the Middle Fork runoff is a little more than half that at Vale.

It is roughly estimated that storage capacity of 225,000 acre feet at Warm Springs site will provide a net storage supply of 120,000 acre feet annually for irrigation, in addition to the supply available directly from the river during irrigation season and with due allowance for seepage and evaporation losses from reservoir.

Estimated Cost of Warm Springs Reservoir—Diamond drill borings made last year show bedrock of very dense hard basalt at depths of from 7 to 11 feet below water surface. A concrete arched dam of gravity section has been estimated on. The height required to provide 225,000 acre feet storage capacity is approximately 100 feet. The estimated cost, including lands, is \$44,000. The cost of storage for net supply of 120,000 acre feet estimated available is \$3.70 per acre foot. It may be stated, therefore, that stored water can be supplied to the heads of either the existing or new ditches diverting from Malheur river for approximately \$3.70 per acre foot.

Irrigable Lands, Malheur Valley—Under a north canal diverting at

mouth of Malheur canyon about 12 miles above Vale, and carried east to Snake river, a south canal diverting at same point and extending to Vale, and another south canal diverting near Vale and extending to cover land in Malheur valley, as shown on accompanying map, there is a gross area of between 55,000 and 60,000 acres. Of this area probably all, or nearly all, of Dead Ox flat and bench cannot now be considered because of electric pumping plants installed or being installed. This will exclude, say, 10,000 acres.

Ditches now diverting from Malheur river cover approximately 13,000 acres. The Owyhee ditch and local pumping plants cover probably 2,000 acres more. There remains, therefore, not more than 35,000 acres in Malheur valley proper not already supplied with water or under a supply system being constructed or extended. Of this area probably 10,000 acres can be considered as waste land, leaving 25,000 acres net of additional irrigable land by a gravity system in Malheur valley.

Of the 13,000 acres under ditches now diverting water from Malheur river there is a shortage varying from little or nothing for the older rights to often the entire required supply for the later rights. The entire shortage for lands under these ditches is probably equivalent to as much as a fully supply for half the area, or say, 7,000 acres.

There remains, therefore, in effect 25,000 acres, plus 7,000 acres, or 32,000 acres in Malheur valley proper for which storage may be considered. No estimates have been prepared as to cost of any particular canals or canal systems to serve these lands.

Malheur-Cow Hollow Canal Line Alternative—During the past season an investigation was made of a possible canal line to serve lands on Cottonwood creek, in Sand Hollow, and on Owyhee bench, west and southwest of Nyssa. Mitchell Butte quadrangle, U. S. Geological Survey, shows two passes.

The canal from point of diversion to about three miles above Cottonwood crossing is generally heavy canyon work. From this point to Cottonwood creek the material is generally a tuff of shaly chalk rock. From Cottonwood creek to Pass "A"

### EIGHT CITIES ORGANIZE

(Continued from page 1)

rates. It is a matter that will require some little time to thresh out, but all towns have agreed to take no action toward the new company until they are assured that by allowing the new company to build into this territory, would be to the best interest of all the people.

excavation will be generally in earth, with a small per cent of rock or hard pan. From Pass "A" to drop in Cow Hollow the excavation will consist principally of earth, with a small proportion of tuff. Canals throughout, except laterals, are estimated as concrete lined.

Estimated cost Malheur-Cow Hollow Canal Alternative—

Diversion to point 3 miles above Cottonwood Crossing, 28.8 miles.....	\$ 972,000
To Pass "A," 22.5 miles.....	488,000
To Cow Hollow drop, 32.4 miles .....	684,000
To land, including all distributing laterals, etc.....	376,000
Engineering, administration and contingencies, 25 per cent .....	630,000
	\$3,150,000
Storage, 75,000 acre feet at \$3.70 .....	277,500
	\$3,427,500

Irrigable Lands: Malheur-Cow Hollow Alternative—Approximately 3,500 acres can be served in Cottonwood Valley, 6,000 acres in Sand Hollow, and 20,500 on Owyhee bench. These latter lands have always been regarded as among the most fertile and attractive in the whole Snake river valley. The soil is often 50 feet deep or more.

Power from Cow Hollow Drop for Pumping—At Cow Hollow drop it will be possible to develop approximately 3,500 electric horsepower which would be available for pumping from Owyhee or Snake river. No value has been given this in the estimate.

A lift of approximately 125 feet from the Owyhee river will irrigate about 2,000 acres, as shown, south of Owyhee river. This can be done at a comparatively low cost, using a low tension transmission line for the short distance of about six miles. About 20 second feet of water would be required, but it is doubtful if this much will be found available below the Owyhee ditch in the latter part of the irrigating season. Very respectfully,

JOHN T. WHISTLER, Engineer,  
Oregon Co-operative Work.

### HIGH SCHOOL NOTES.

On the afternoon of Feb. 20th at 1:15 the visiting secretary of the Oregon schools will address the High School students and visitors after which a program will be given by the High School Literary Society and will consist of the following numbers. Piano Solo, Vera Billingsley.

Debate.  
Robert Bender, - Stene Cox, - Paul Van Petten, - Marcus Pinney. Duet Ruth Lackey and Nettie Peterson, School paper, Amelia Plughoff.

A quartet of male voices has been practicing in the Assembly Hall for the past few days after school and will probably appear before the student body at the next regular Literary program.

The Parent-Teachers meeting will be held in the High School auditorium Friday afternoon at 3:15 and will consist of various selections of musical numbers, readings and discussions. All parents and friends are requested to attend.

The Girl's Basketball team defeated the Payette Alumni girls by a score of 29 to 11 last Friday evening at the Opera House in one of the most exciting games of the season and before a very enthusiastic audience.

The game was replete with with sensational plays and was a good introduction to the game which will be played here next Friday evening between the local girls and the Payette High School.

Professor Lees of the educational dept. of the Albany College visited the High School on Tuesday afternoon.

The Sophomore Class held a party in the High School building on Monday evening of this week when the members enjoyed themselves playing games singing songs and visiting. Afterwards a lunch was served in the Domestic Science Room

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New Novelty Norfolk styles with sewed-down belts, patch pockets, pants taped knicker-bocker style, and they come in gray, tan, brown and navy. Extra well made and finished in the best style.



### Special Lot of Boys Pants

Extra pants in new patterns. This is the time of year you are wanting a lot of boys extra pants and we have a big assortment in all new patterns made up in mostly taped throughout, peg tops

and knicker-bockers in the newest styles, priced from 50c to \$1.50. They will please you more than ever before.

## Boyer Bros. & Co.

Department Store

ONTARIO,

OREGON

### THE POLITICAL PREACHER

#### THE PULPIT WARNED AGAINST THE YELLOW PERIL OF POLITICS.

A Consecrated Ministry Needed for the Rural Churches.

By Peter Radford.  
Lecturer National Farmers' Union.

The farmers of this nation have on their payroll 95,000 preachers and this number applying themselves diligently and exclusively to the religious work at hand is sadly inadequate to properly serve their respective communities.

Those who put on ecclesiastical robes are in a measure free to unlock every door to the human heart and enter the secret chambers of reason and every person should submit their conduct to review and seek the counsel of those divinely appointed messengers of life, but the moment the minister closes the Bible and opens the law book, he becomes a menace to society.

The difficulty of keeping the preacher in the pulpit is as old as religion. Christ encountered it in the temple when he drove the priests from the bargain counter back to the pulpit. Our pilgrim fathers met it when, through the influence of the clergy, a witch court was established at Salem, Mass., in 1692, that precipitated a legal holocaust threatening to reduce the population to ashes and which was extinguished by the laymen uniting and forcing the preachers back to the pulpit.

The greatest peril to the church today is politics. The temptation of the ministry to throw down the cross of Christ and pick up the club of the policeman; to substitute the penalties of the law for the power of the altar and to legislate religion into human hearts, never was greater.

The world never needed a religious ministry more nor political preachers less than it does today. We need ministers to teach us how to live; we know how to vote.

The religious preacher is the most capable servant and the political preacher the sorriest master the world has ever known. Wherever power is placed in the hands of the latter they invariably become intolerant, bigoted and vicious and resort to the whip and the faggot to enforce their opinion.

Civilization has many times been compelled to drive incorrigible preachers back to the pulpit at the point of the bayonet. Many of the pages of history are wet with blood shed at the hands of political preachers who wrote laws on the statute books that committed arson upon mankind, maimed human beings with the hatchet and sent helpless women to the torture rack, all because they disagreed with their views. When in control of government, the pulpit politicians invariably undertake to perform legislative miracles such as casting out witches with the flame of a torch, suborning conscience with shackles and enforce-

ing opinions with the bayonet.

Mixing Politics and Religion.

Politics and religion will not blend. No free government can long exist or the church perform its mission to society when preachers and politicians temporarily exchange callings, and a civilization that will countenance such conduct will soon decay. Such a traffic in occupations is as unsound in principle as the white slave trade is immoral in practice.

The hand that passes the sacrament should not collect slush funds for political purposes. The gentle voice that comforts us in sorrow and pronounces the last sad rites upon our departed loved ones should not rave and rant on the hustings. I do not believe a preacher can manipulate political machinery and be righteous any more than he could become a burglar and be honest. I think it as immoral for a preacher to seek to lobby while he prays as it would be for him to gamble while he preaches.

A preacher can no more preach a political sermon without converting his pulpit into a political rostrum than he could sell intoxicating liquor from the altar without converting the church into a bar-room. He can no more purify politics by playing the game than he can sanctify gambling by running a lottery.

I join in the oft-repeated suggestion that a preacher has as much right in political brawls as a saloon keeper and we also admit that he has as much right to get drunk as anyone else, but we would rather he would not do so for the "greater the saint the greater the sin." I think a political bishop can turkey trot in the name of Christianity as consistently as he can enter into a mud-slinging political contest to the disgrace of his church.

It is my opinion that when this

### New Wash Gingham

We have just unpacked one of the largest assortments we have ever received in New Spring Gingham in the new patterns, new checks, new stripes, in the new colors as well as the staple colors.

### Womens New Wash Dresses

In Sizes 32 to 46  
Priced \$1.00 and up. Exceptional dresses of stripes and checked gingham combined with plain colors made with plain and plaited skirts. Trimmed with contrasting collars and peplums in most attractive styles. You will be more than pleased with these.

and knicker-bockers in the newest styles, priced from 50c to \$1.50. They will please you more than ever before.

### CONDITIONS ARE IMPROVING

Interstate Commerce Commission Decision Restores Confidence

Chicago.—All indications point constantly improving business conditions throughout the United States. The chief factor, of course, is rate increase granted eastern ways. This will turn loose a amount of money which, in time, filter down so that it will be distributed.

It will do much more than a million dollars and cents, because it restore confidence in railway securities and encourage investment, supplying the roads with badly needed funds for extensions and improvements.

All sections of the country are unusually heavy Christmas buying indicating that confidence has been stored and people who have hoarding money are letting loose it, feeling assured they will be able to get more. The opening of the exchanges and the lowering of the count rates have also had a strengthening and reassuring effect on country at large.

### Prince Kimal Now Sultan of Egypt

Cairo.—Prince Hussein Kimal formally installed as sultan of Egypt with elaborate ceremonies. The sultan was escorted through the streets by British, native and color troops, following the reading of British proclamation deposing Al Hilmi, the former khedive. Cairo is a holiday of it.

## FOUR .. in .. ONE

FOUR DAINY LITTLE CUBES TO ONE POUND PACKAGE

Golden Rule Butter is made from PURE PASTEURIZED CREAM. It reaches you in a Dust Proof and Air Proof, Neat Carton, packed four little cubes to one pound.

FOR SALE BY YOUR GROCER

Jensma Creamery Co. Mfgs.  
Nampa, Idaho.

## Poultry Wanted!

I will be in Ontario Tuesday, February 9th, and will buy your Poultry at market price. I will also be in Ontario Tuesday of each week, through spring and summer. Will make headquarters at American Express. J. L. PIGG, BOISE IDA.